



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Released:** June 7, 2010 , after 4 pm  
**Week Ending:** June 6, 2010  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

The much needed rain continued throughout the state. Many areas reported substantial crop growth due to heavy rains and good conditions. Some areas however; were either not fortunate enough to get the rain they needed or in some cases received too much. Flooding was reported with erosion and crop conditions decline due to heavy rains. Intense but short thunderstorms with hail were recorded throughout South Carolina. Overall, South Carolina's soil moisture levels improved and were reported as 2% very short, 16% short, 68% adequate and 14% surplus. There was a statewide average of 5.3 days suitable for field work.

### FIELD CROPS

Twenty percent of this year's **CORN** crop had reportedly started to silk by week's end. Corn conditions improved and were reported as 1% very poor, 6% poor, 26% fair, 64% good, and 3% excellent. **TOBACCO** conditions improved and were reportedly 0% very poor, 2% poor, 15% fair, 74% good and 9% excellent. **COTTON** planting continued to progress well with 98% planted. Cotton conditions were reported as 3% poor, 37% fair, 59% good, and 1% Excellent. Ninety-four percent of **PEANUTS** had been planted. Sixty-one percent of **SOYBEANS** had been planted and 50% had emerged, allowing both to remain ahead of historical numbers. **WINTER WHEAT** has experienced some production loss due to the lack of rain. The reported conditions for winter wheat were 3% very poor, 18% poor, 45% fair, and 34% good. **OAT** harvesting maintained its acceleration with 33% of the crop reportedly harvested by weeks end. Ninety-five percent of **GRAIN HAY** had been harvested.

### OTHER ITEMS OF INTEREST

**LIVESTOCK** conditions improved to 1% poor, 22% fair, 75% good, and 2% excellent. **PASTURE** conditions improved and were reportedly 0% very poor, 8% poor, 37% fair 51% good, and 4% excellent. **VEGETABLE** conditions were reported mostly fair to good with improvements due to rain. **CUCUMBER** harvest progressed to 26% complete by the end of the week. **MELON** planting continued and crop conditions were reported as mostly good. The 2010 **PEACH** harvest is still going strong and conditions were reported at 1% poor, 12% fair, 74% good, and 13% excellent.

### Crop Progress for Week Ending June 6, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Planted	98	98	99	Peanuts, Planted	94	93	93
Corn, Silked	20	17	14	Snapbeans, Fresh, Planted	100	100	100
Cotton, Planted	98	94	96	Snapbeans, Fresh, Harvested	17	18	16
Cotton, Squared	1	0	2	Soybeans, Planted	61	53	59
Cucumbers, Fresh, Harvested	26	14	23	Soybeans, Emerged	50	42	44
Hay, Grain Hay, Harvested	95	97	94	Watermelons, Planted	100	100	99
Oats, Turned Color	100	100	99	Winter Wheat, Turning Color	99	100	98
Oats, Ripe	80	82	79	Winter Wheat, Ripe	80	73	75
Oats, Harvested	33	20	29	Winter Wheat, Harvested	23	12	21
Peaches, Harvested	12	9	9				

### Condition for Week Ending June 6, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Cantaloup	0	2	36	62	0	Peaches	0	1	12	74	13
Corn	1	6	26	64	3	Peanuts	0	3	27	66	4
Cotton	0	3	37	59	1	Snapbeans	0	8	25	65	2
Cucumbers	0	5	30	64	1	Soybeans	0	4	27	66	3
Hay	0	13	48	34	5	Tobacco	0	2	15	74	9
Livestock	0	1	22	75	2	Tomatoes	0	3	30	66	1
Oats	4	14	55	27	0	Watermelons	0	11	24	65	0
Pasture	0	8	37	51	4	Winter Wheat	3	18	45	34	0

## South Carolina Weekly Weather Summary for the Week Ending June 6, 2010

Converging boundaries set the stage for heavy rains on Monday that continued through Wednesday. Monthly rainfall totals at May's end ranged from 7.93 inches at Santuck to just 0.92 inches at Charleston City. Fishing Creek Dam located near Great Falls measured 3.85 inches of rain on Monday and McClellanville measured 3.87 inches on Tuesday. Rapidly developing thunderstorms on Wednesday produced localized flooding within the city limits of Darlington and one-inch hail near Loris. A CoCoRaHS volunteer weather observer, located 5.2 miles south-southeast of Summerton, measured 6.23 inches of rain during the late evening hours Wednesday and local residents described the cloud to ground lightning as nearly continuous for two hours. Lake Wateree and Johnston reported afternoon high temperatures of 93 degrees on Wednesday and the Georgetown AP and Jamestown noted high temperatures of 91 degrees on Thursday. Most of the state reported drying sunshine on Friday with just a few isolated showers. Drifting thunderstorm cells on Saturday afternoon contained small hail and wind gusts of 60 mph at the St. Stephen Fire Department. The thermometers at Barnwell, Johnston, the Marlboro County Jetport, Givhans, and Jamestown all recorded 95 degrees on Saturday. More hot weather was observed on Sunday. The North Myrtle Beach AP set a June 6 date record high temperature of 94 degrees. Edisto Beach and the Georgetown AP also shared in the 94-degree heat. A mostly dry, slightly cooler air mass entered the northwestern counties Sunday evening with the expectation of less humid conditions. The state average temperature for the seven-day period was five degrees above normal.

The highest official temperature reported was 97 degrees at Bamberg on June 5. The lowest official temperature reported was 57 degrees at Jocassee on June 4. The heaviest official 24-hour rainfall reported was 4.00 inches at Catawba ending at 7:00 a.m. on June 1. The state average rainfall for the period was 2.2 inches.

SOIL: 4-inch depth soil temperature: Columbia 79 degrees, Charleston 83 degrees.

RIVERS AND SURF: South Carolina river stages were near to above normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 78 degrees.

### Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	2.40	20.63	-2.3
Anderson	1.24	19.64	-2.0
Columbia	2.22	12.92	-7.2
Orangeburg	2.92	15.52	-4.6
Charlotte, NC	3.33	20.49	1.2
Augusta, GA	0.37	13.63	-6.4
Florence	4.69	16.16	-1.8
N Myrtle Beach	0.08	13.09	-3.6
Charleston	4.04	22.01	3.4
Savannah, GA	2.11	19.24	0.8

Weekly rainfall totals this period ending midnight Sunday.



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